

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

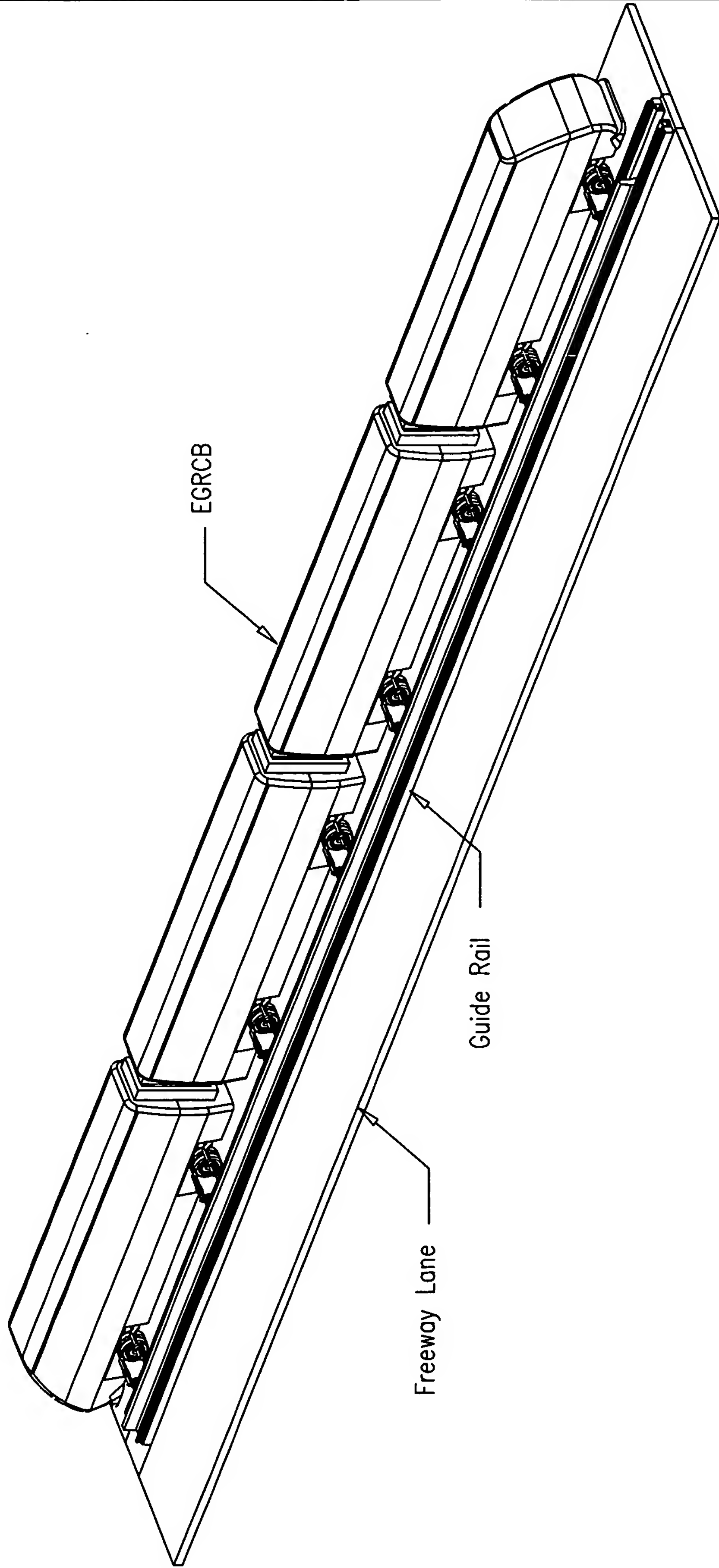
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

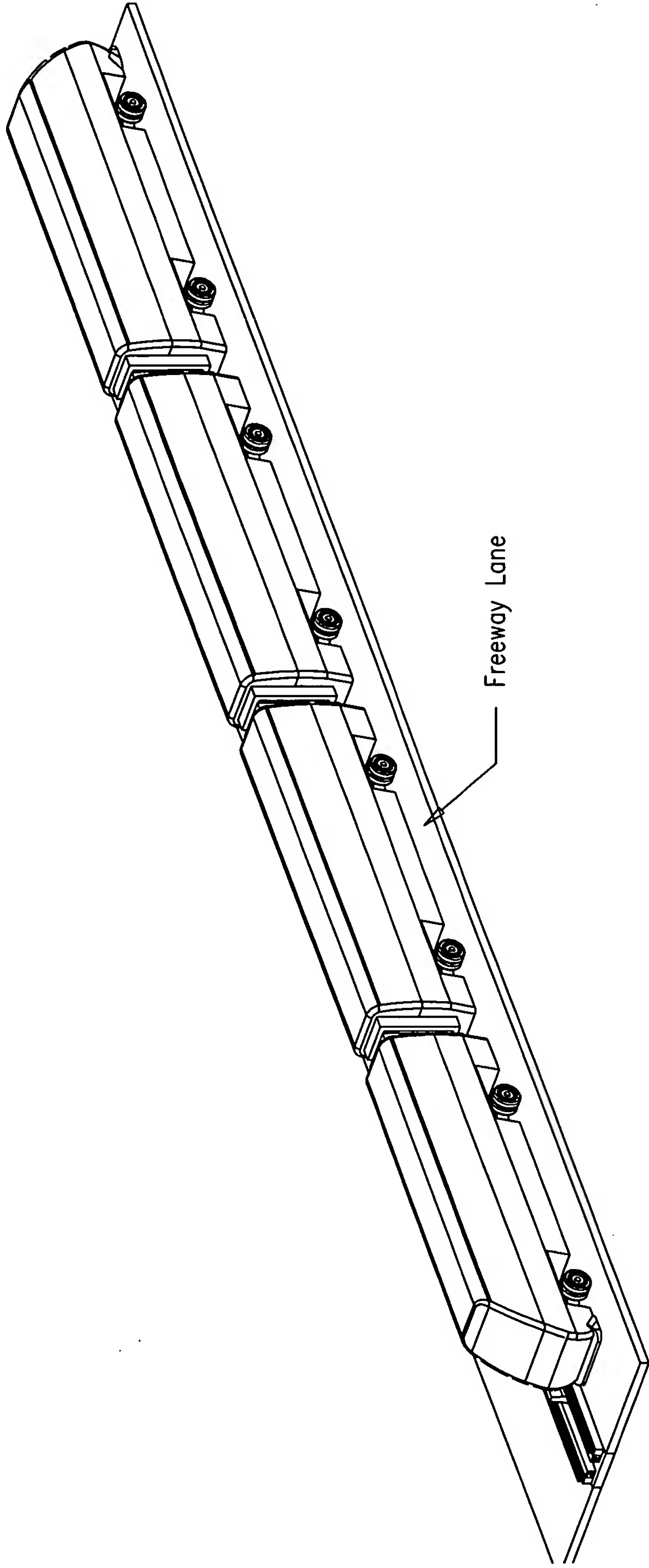
**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



Electrical Guide Rail Chain Bus (EGRCB) 3D VIEW

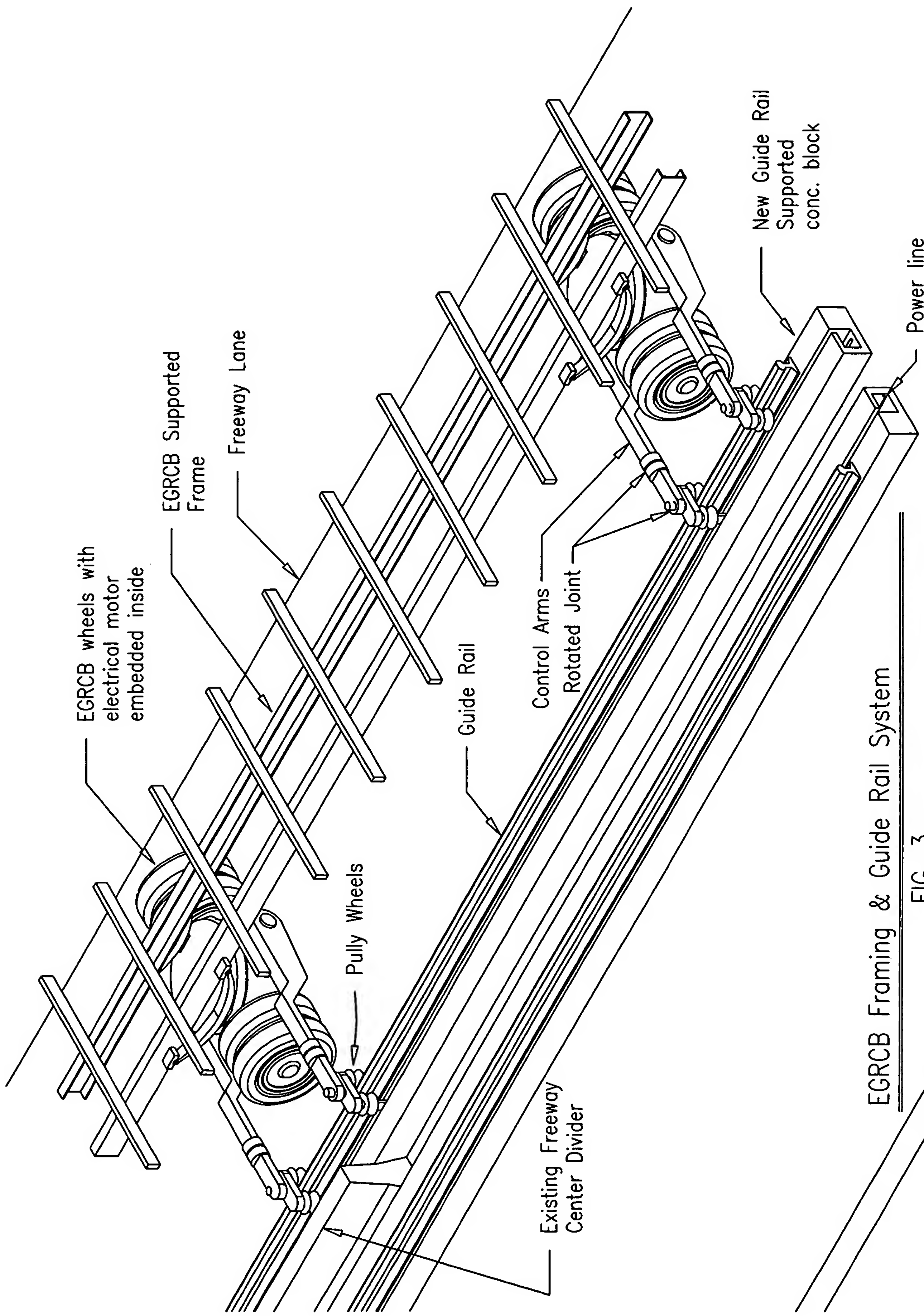
FIG. 1

MAR 25 2004  
BENT & TAYLOR



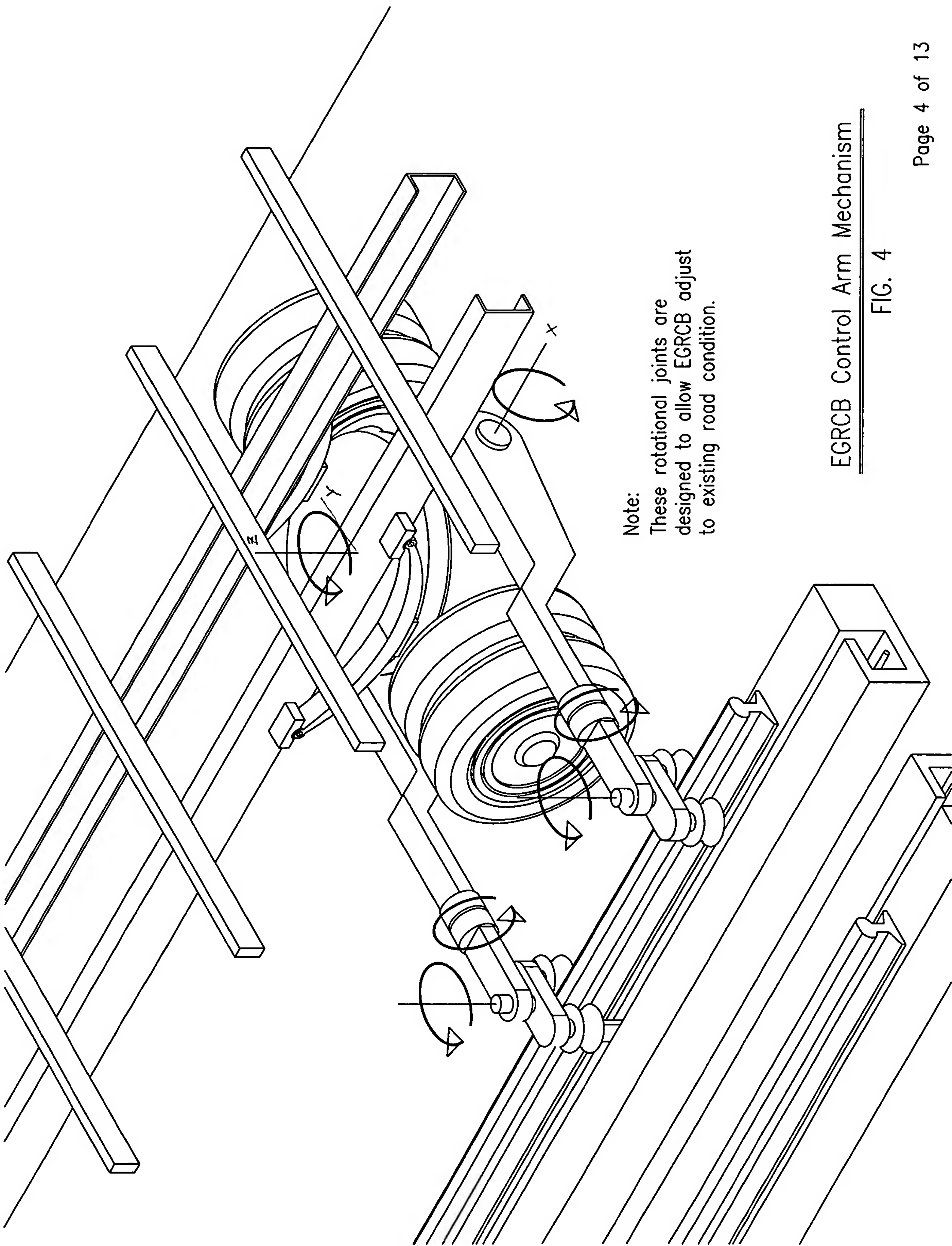
Electrical Guide Rail Chain Bus (EGRCB) 3D VIEW

FIG. 2



EGRCB Framing & Guide Rail System

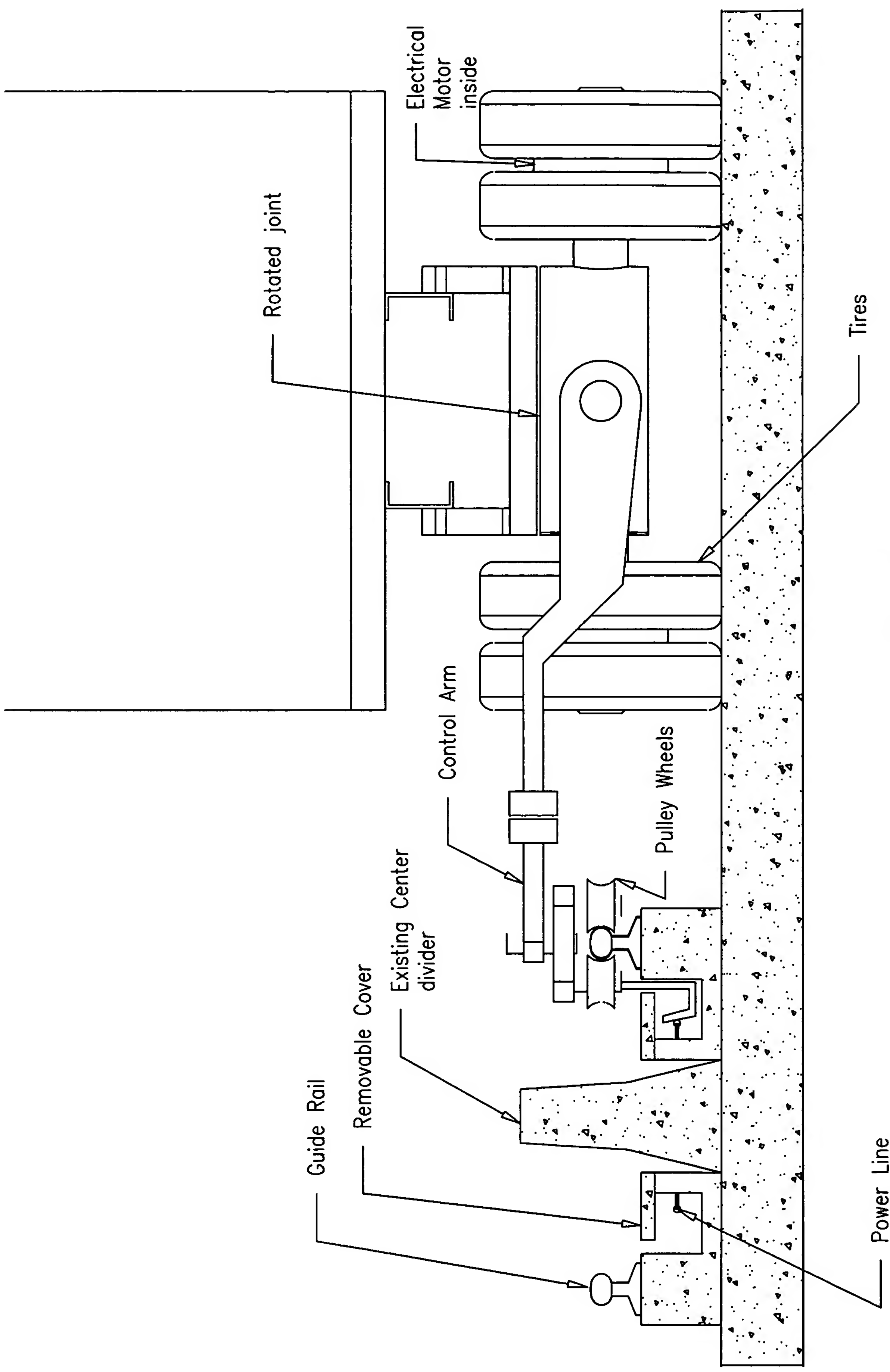
FIG. 3



Note:  
These rotational joints are  
designed to allow EGRCB adjust  
to existing road condition.

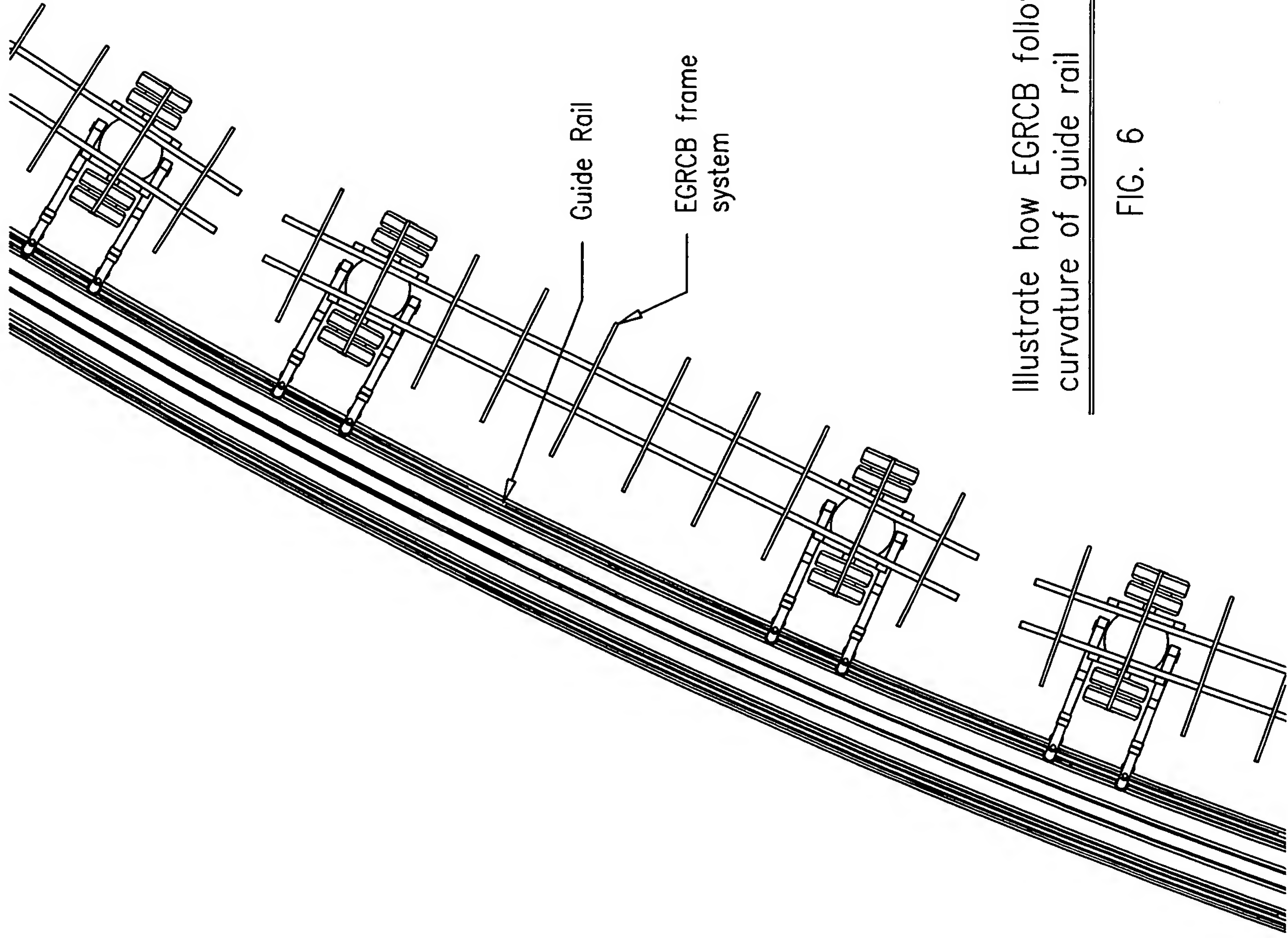
EGRCB Control Arm Mechanism

FIG. 4



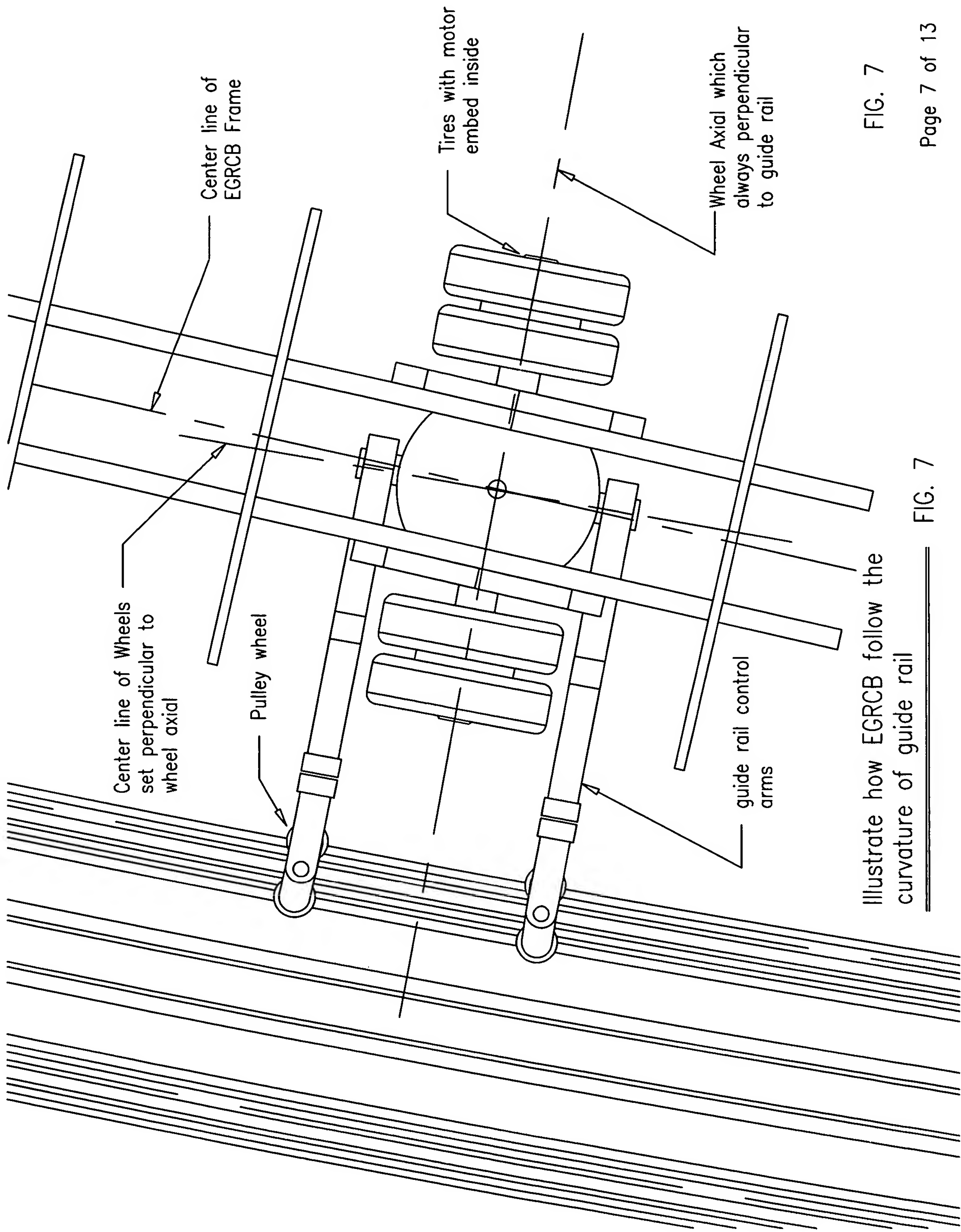
Section of Guide Rail Arm

FIG. 5



Illustrate how EGRCB follow the  
curvature of guide rail

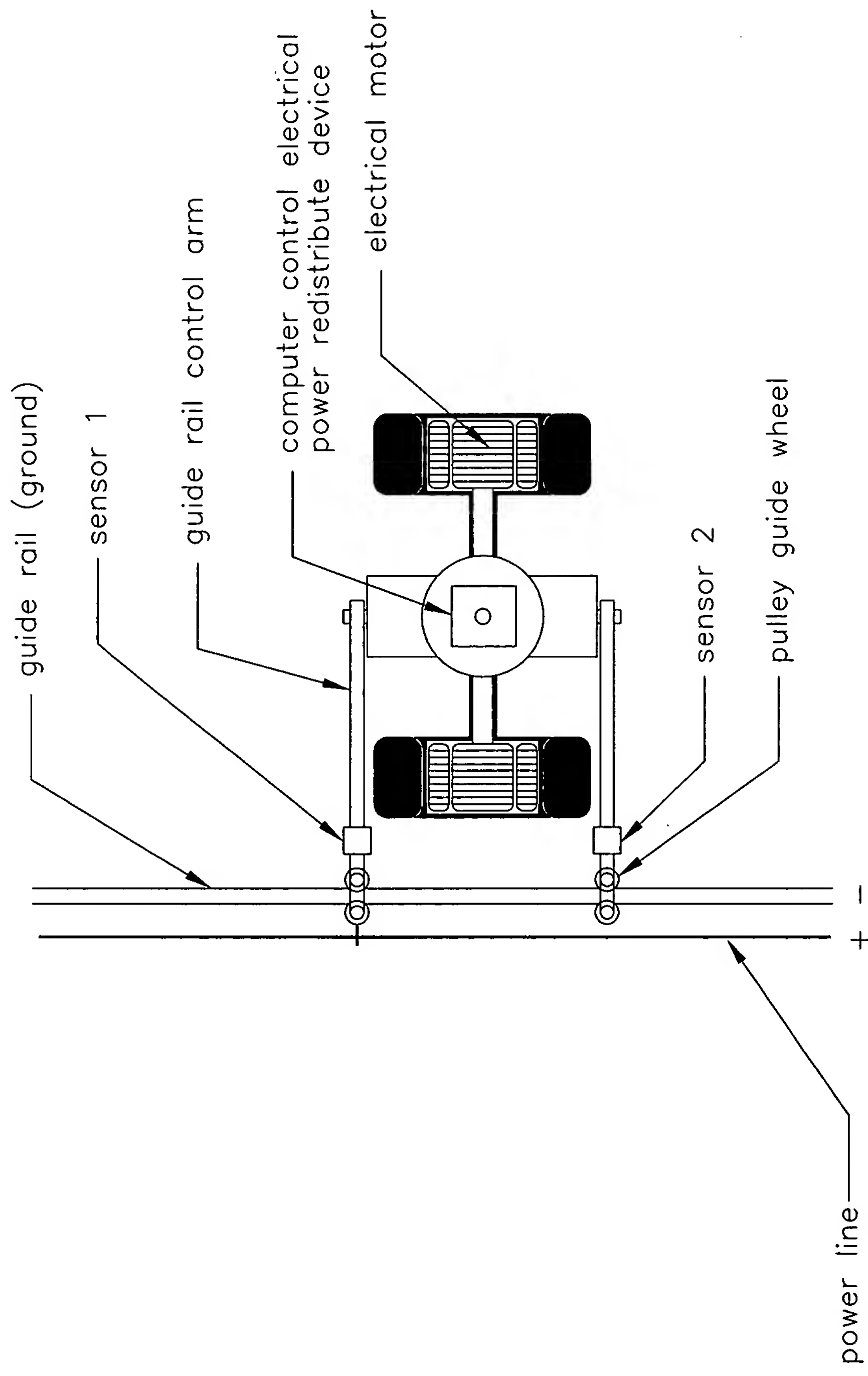
FIG. 6



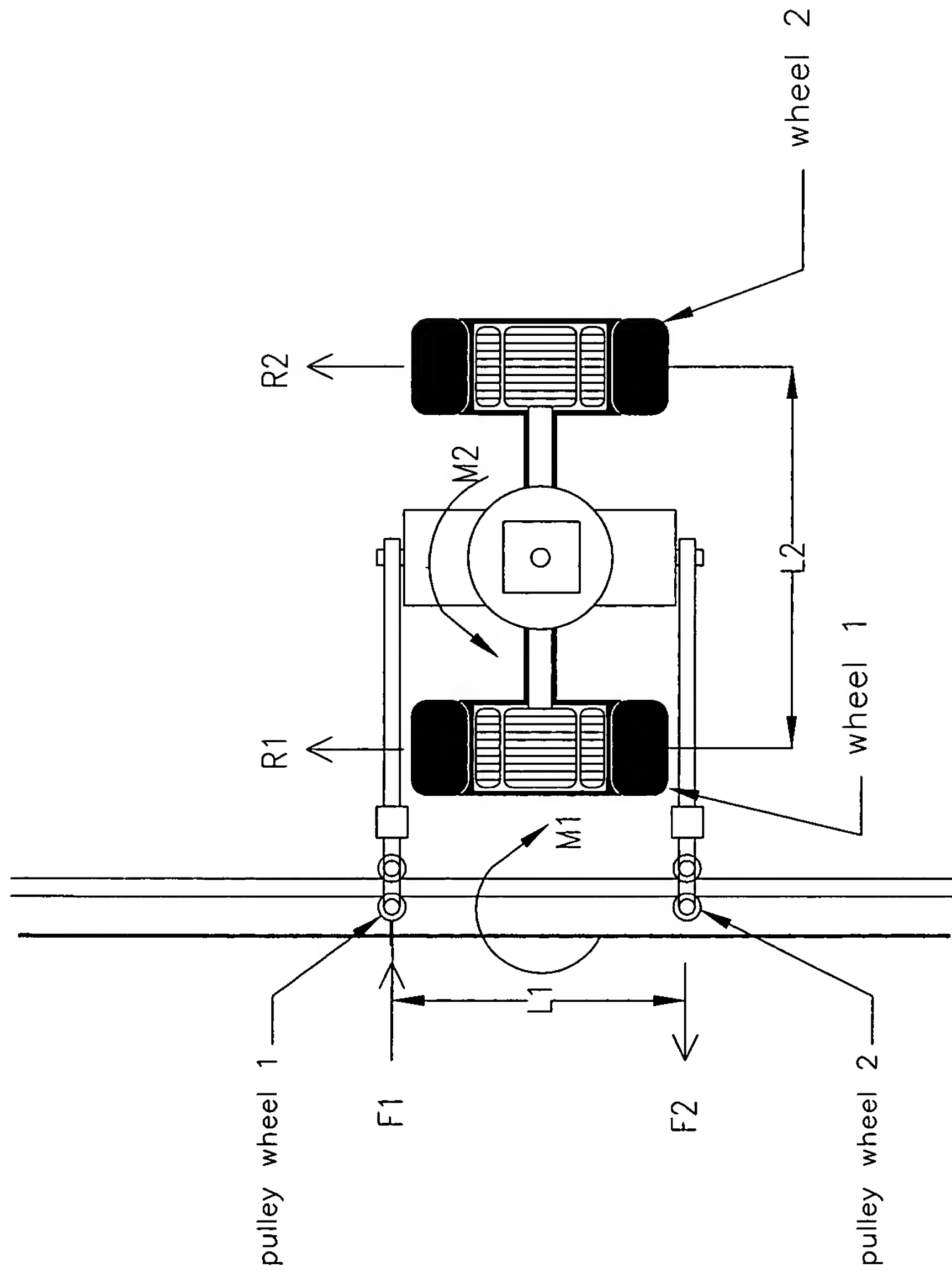
Illustrate how EGRCB follow the curvature of guide rail

FIG. 7

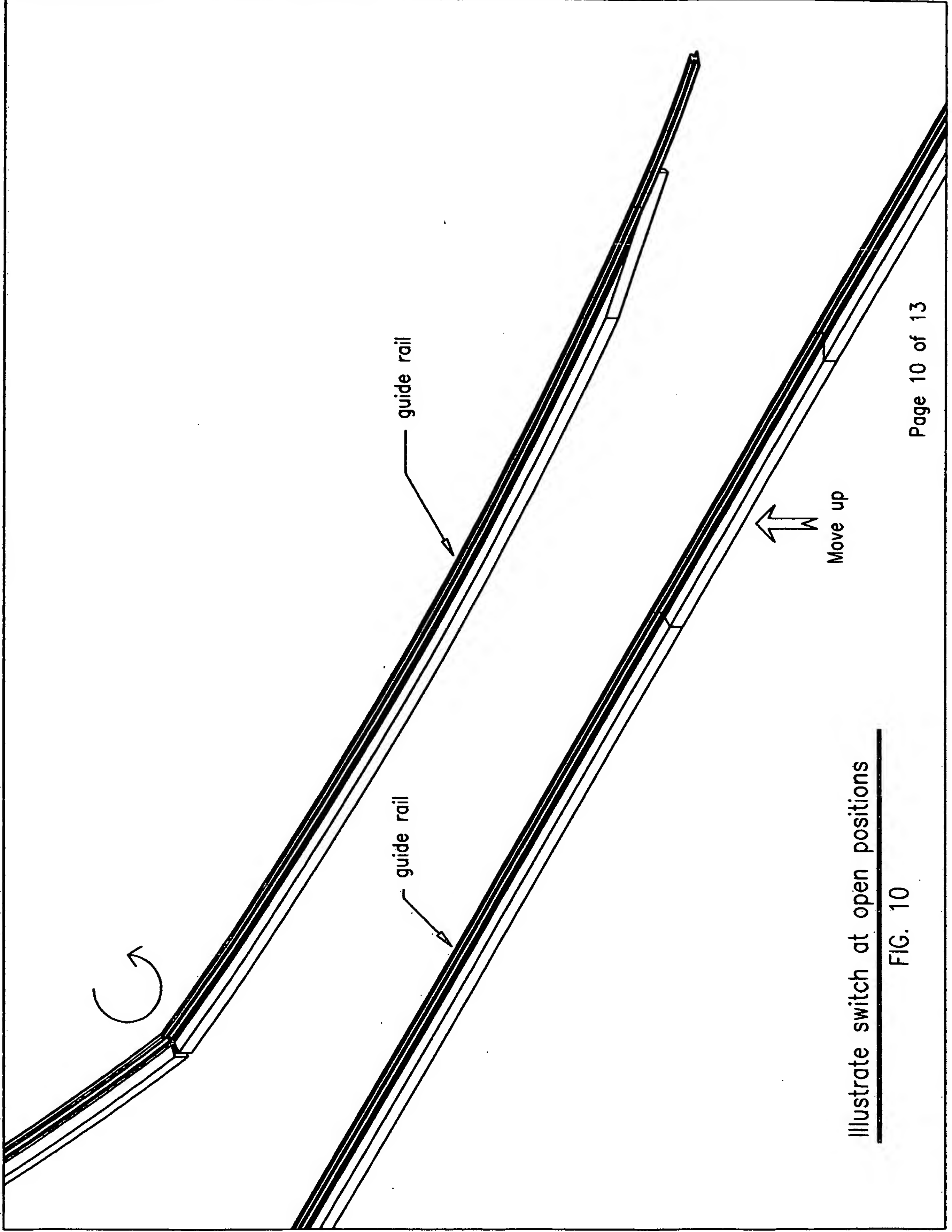
FIG. 7



EGRCB control illustration diagram (FIG. 8)

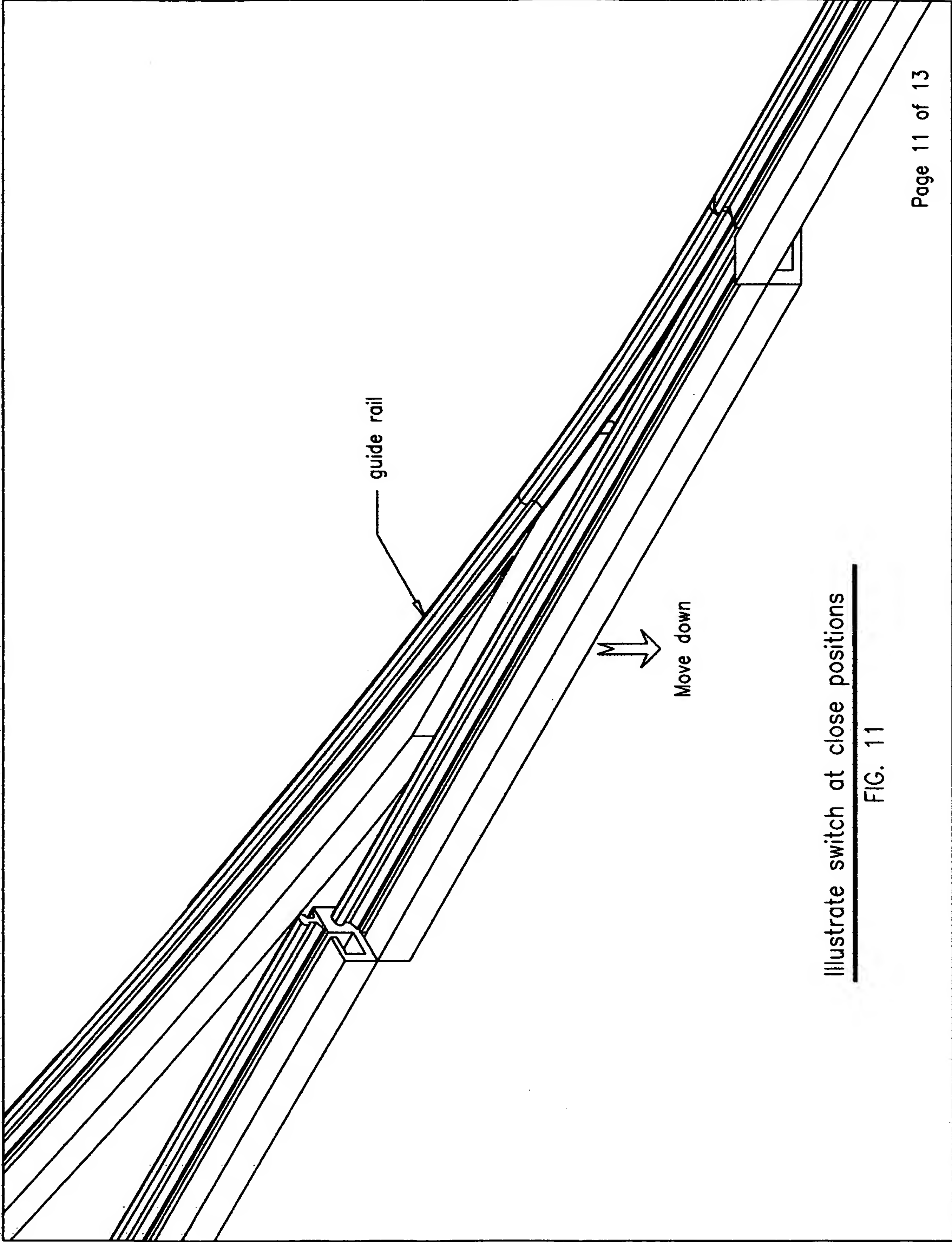


EGRCB balance force diagram (FIG. 9)



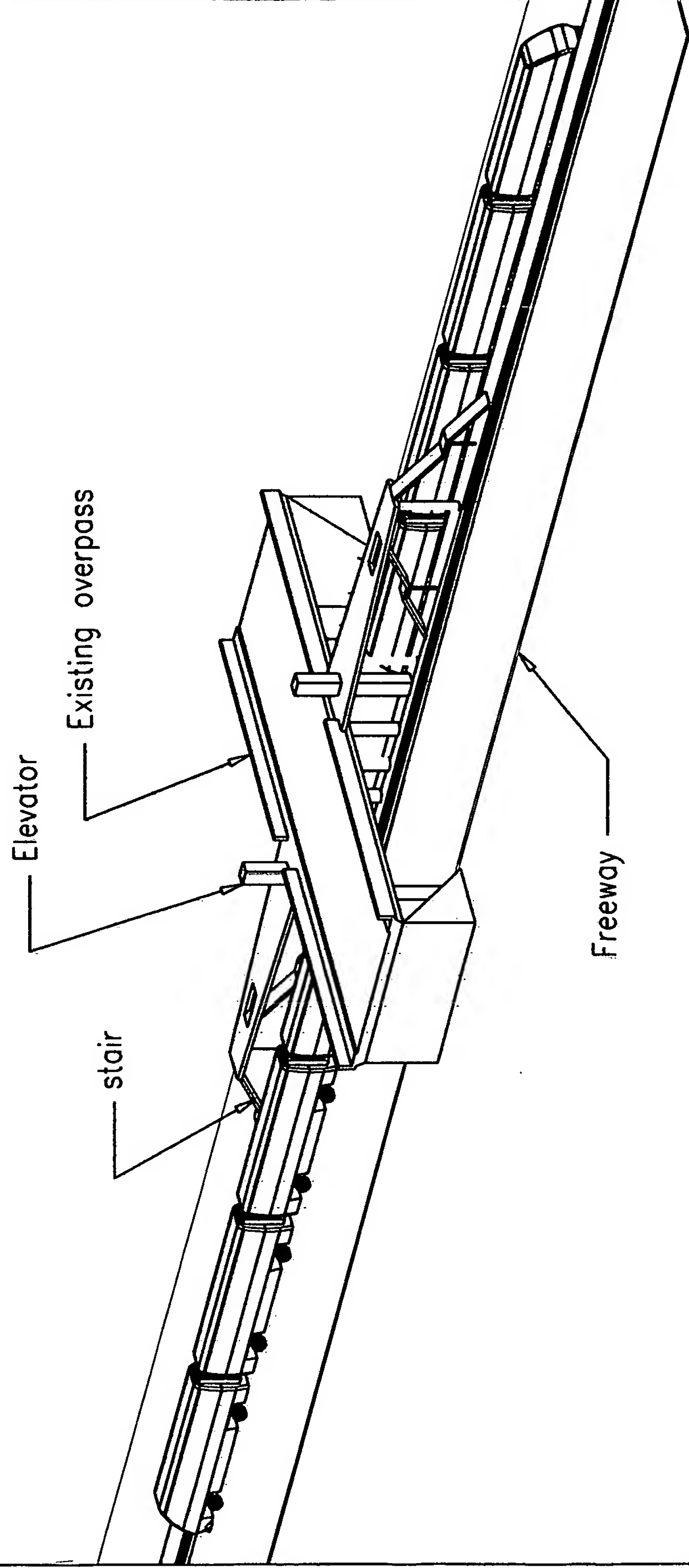
Illustrate switch at open positions

FIG. 10



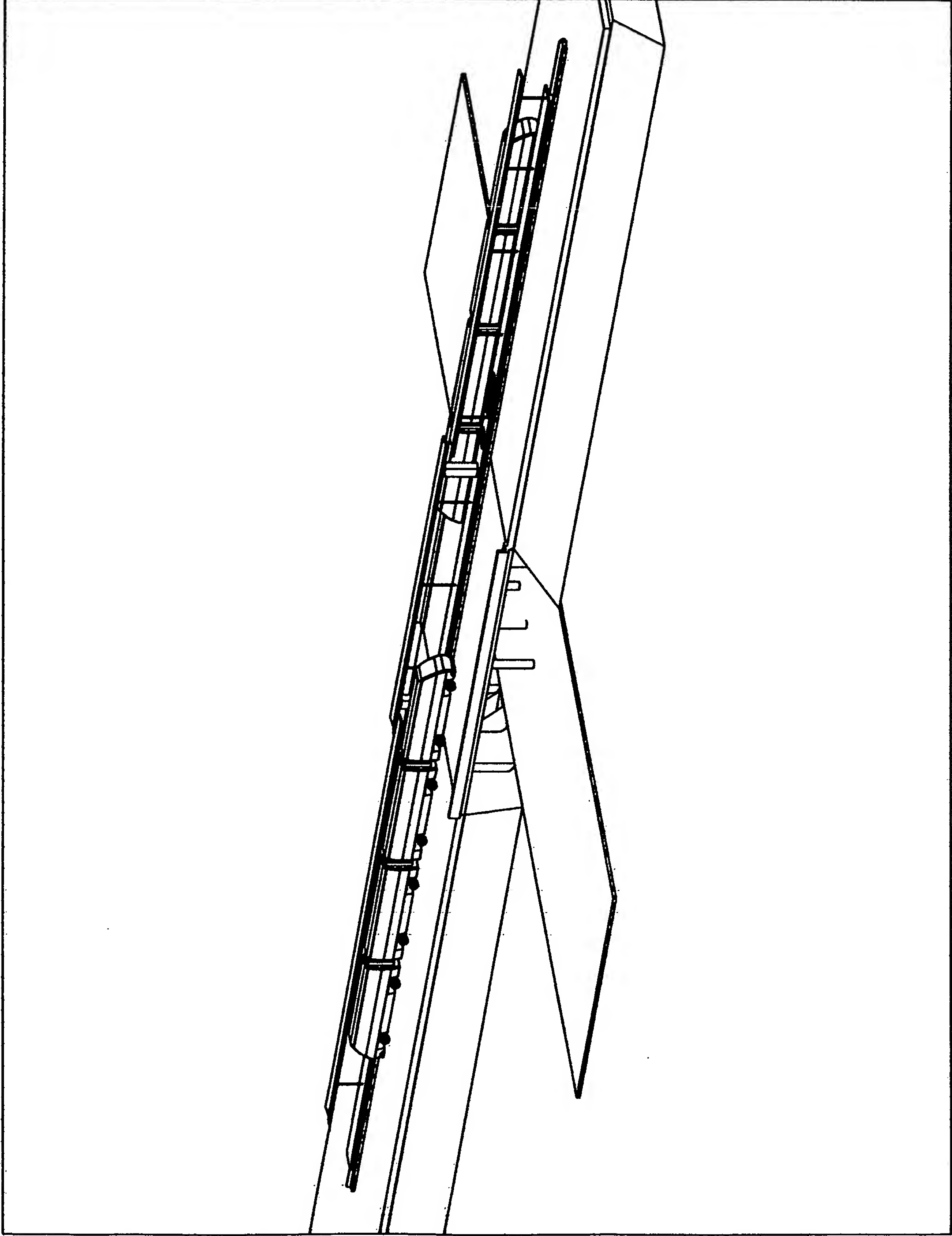
Illustrate switch at close positions

FIG. 11



illustrate the station condition 1

(Fig. 12)



illustrate the station condition 2  
(Fig. 13)